

Fig. 1

Fig. 1

In Vivo IFN- γ production
during tuberculosis infection

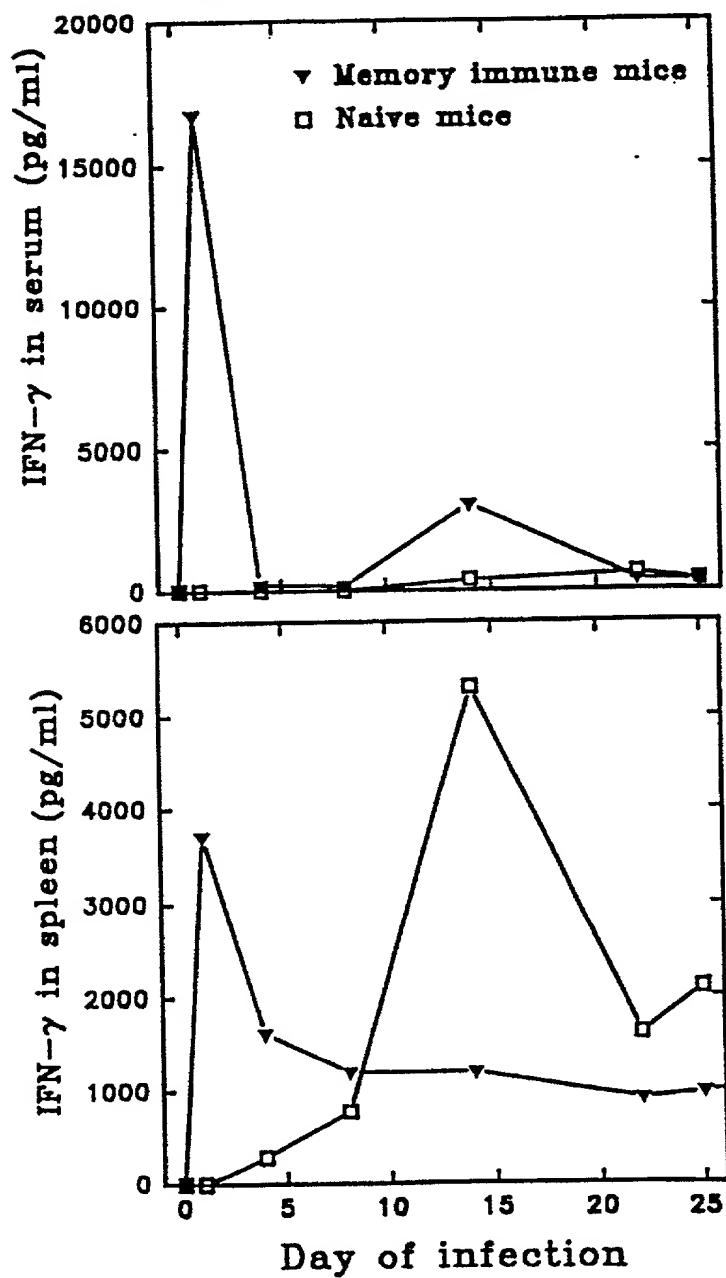


Fig. 2

In vitro response of spleen
lymphocytes

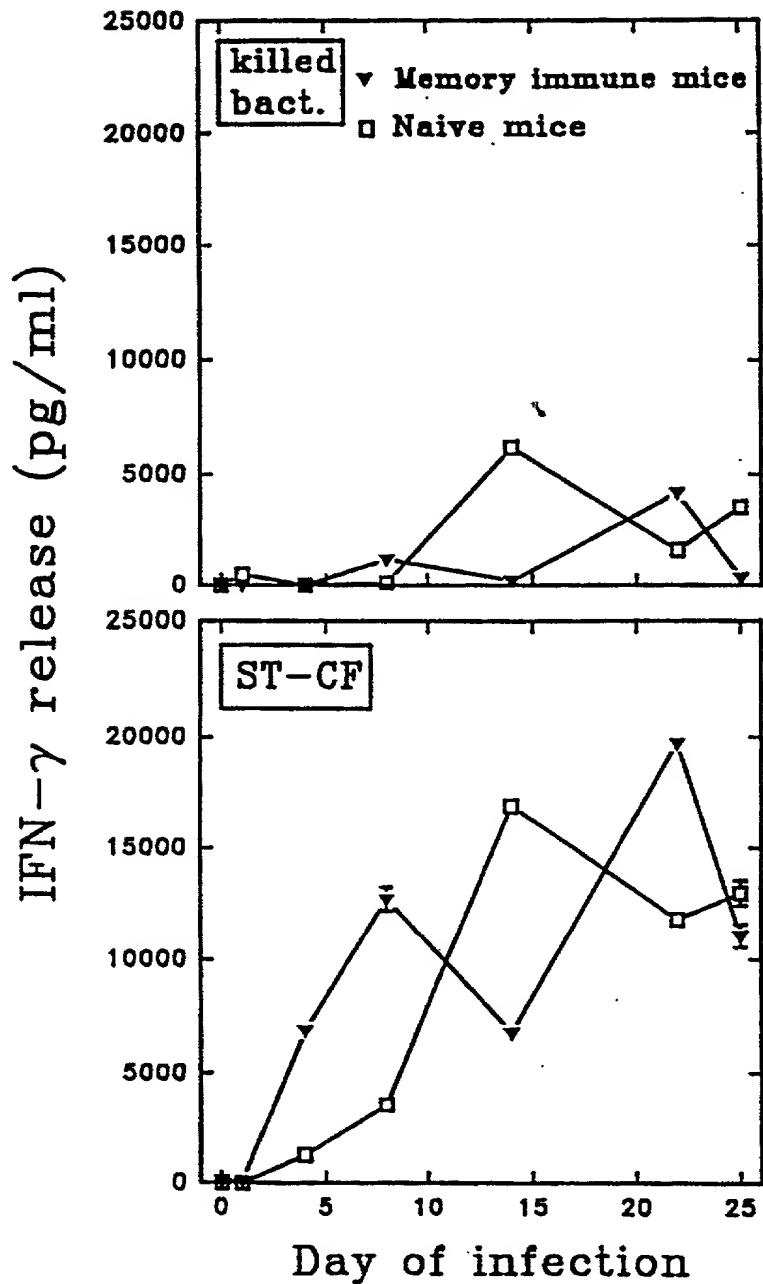


Fig. 3

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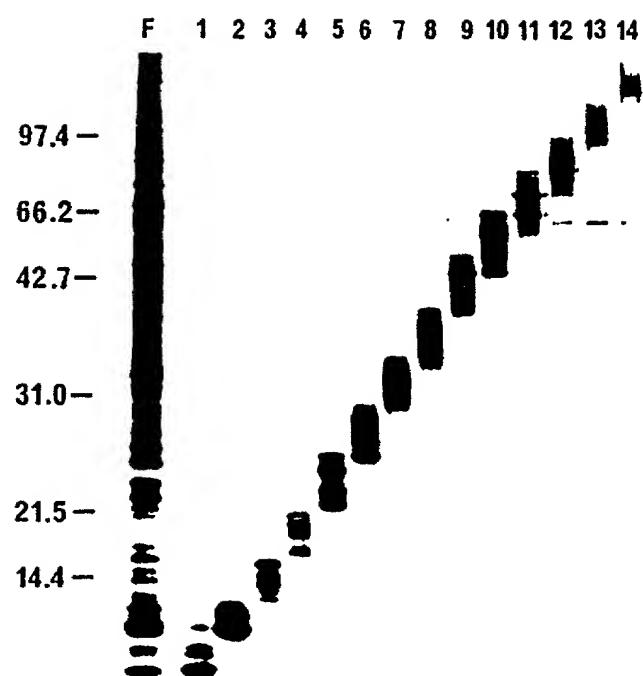


Fig. 4

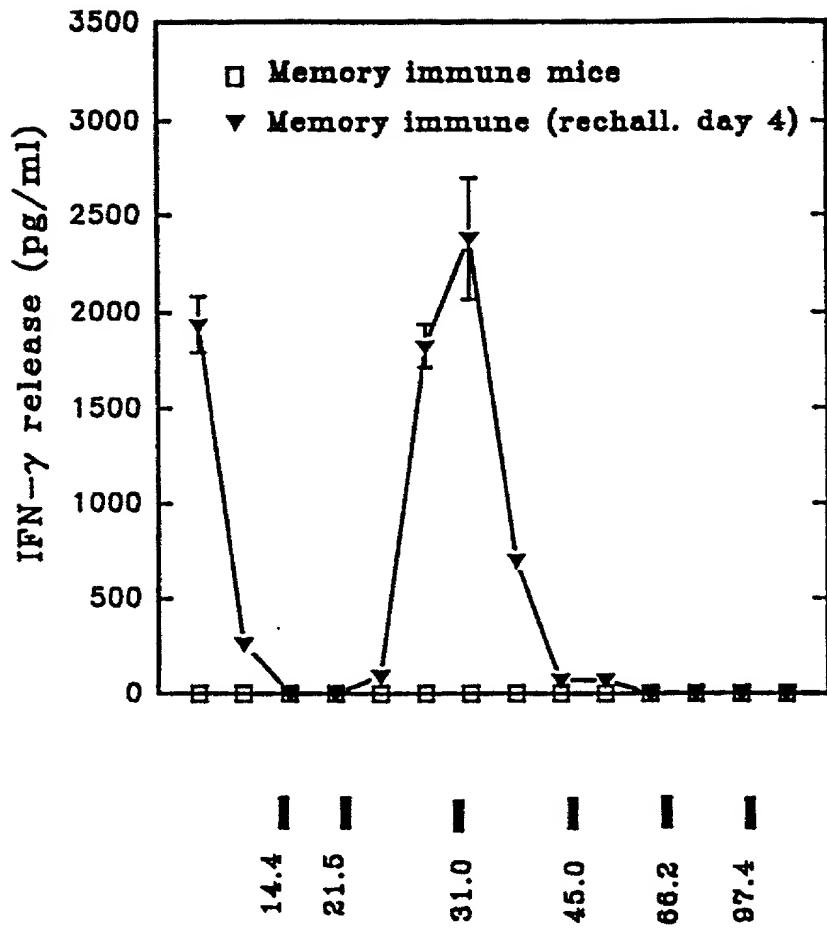


Fig. 5

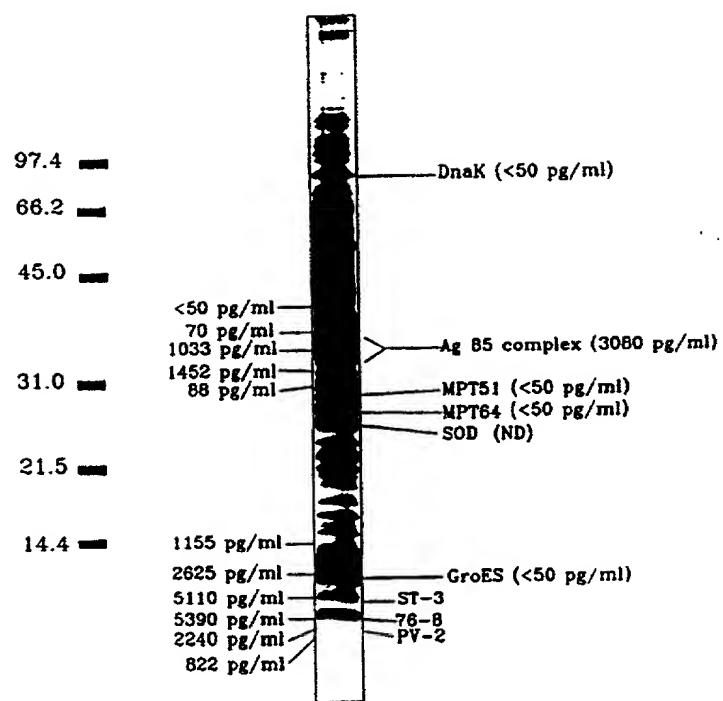


Fig. 6

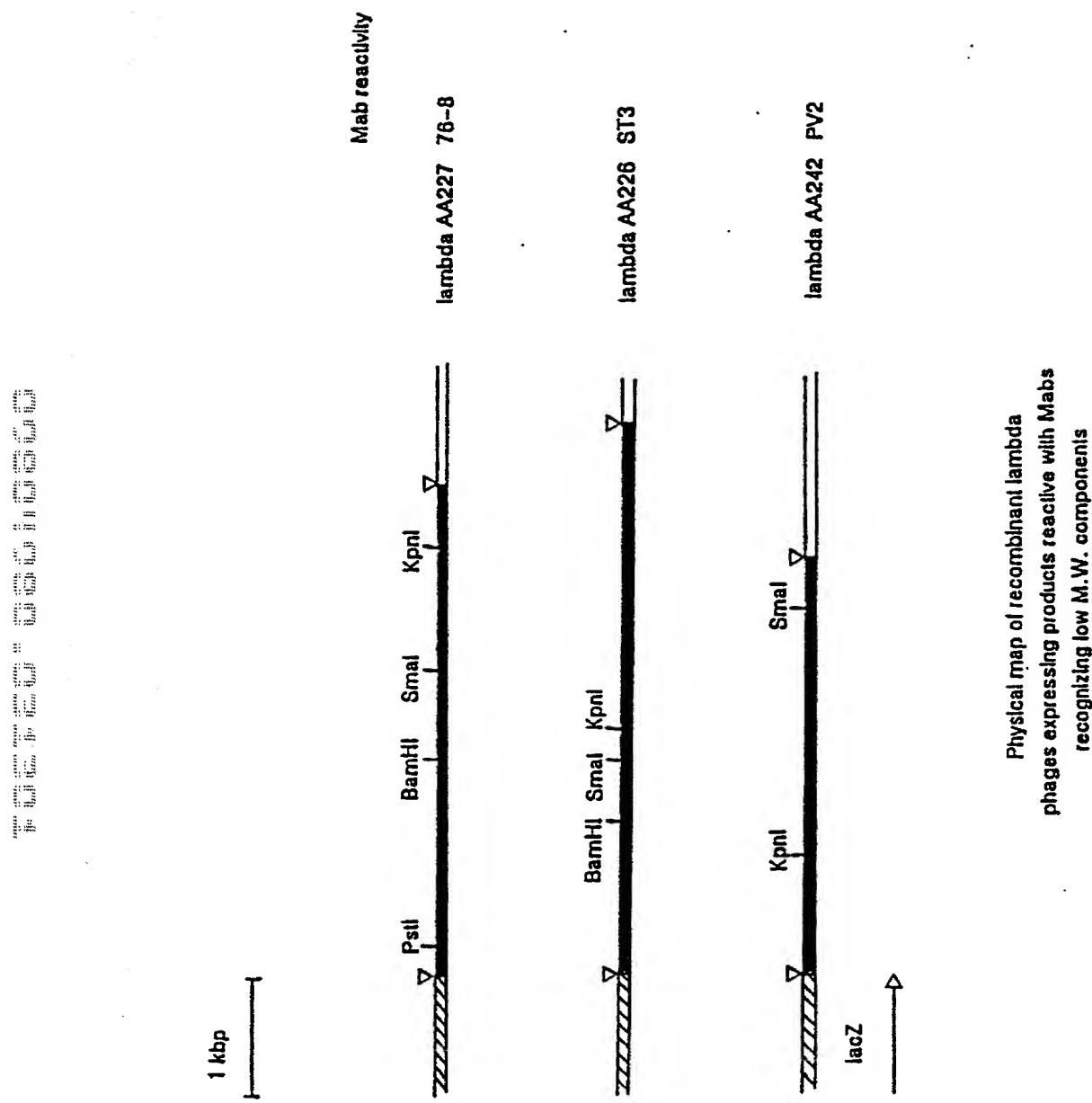


Fig. 7

Physical map of recombinant lambda phages expressing products reactive with Mabs recognizing low M.W. components

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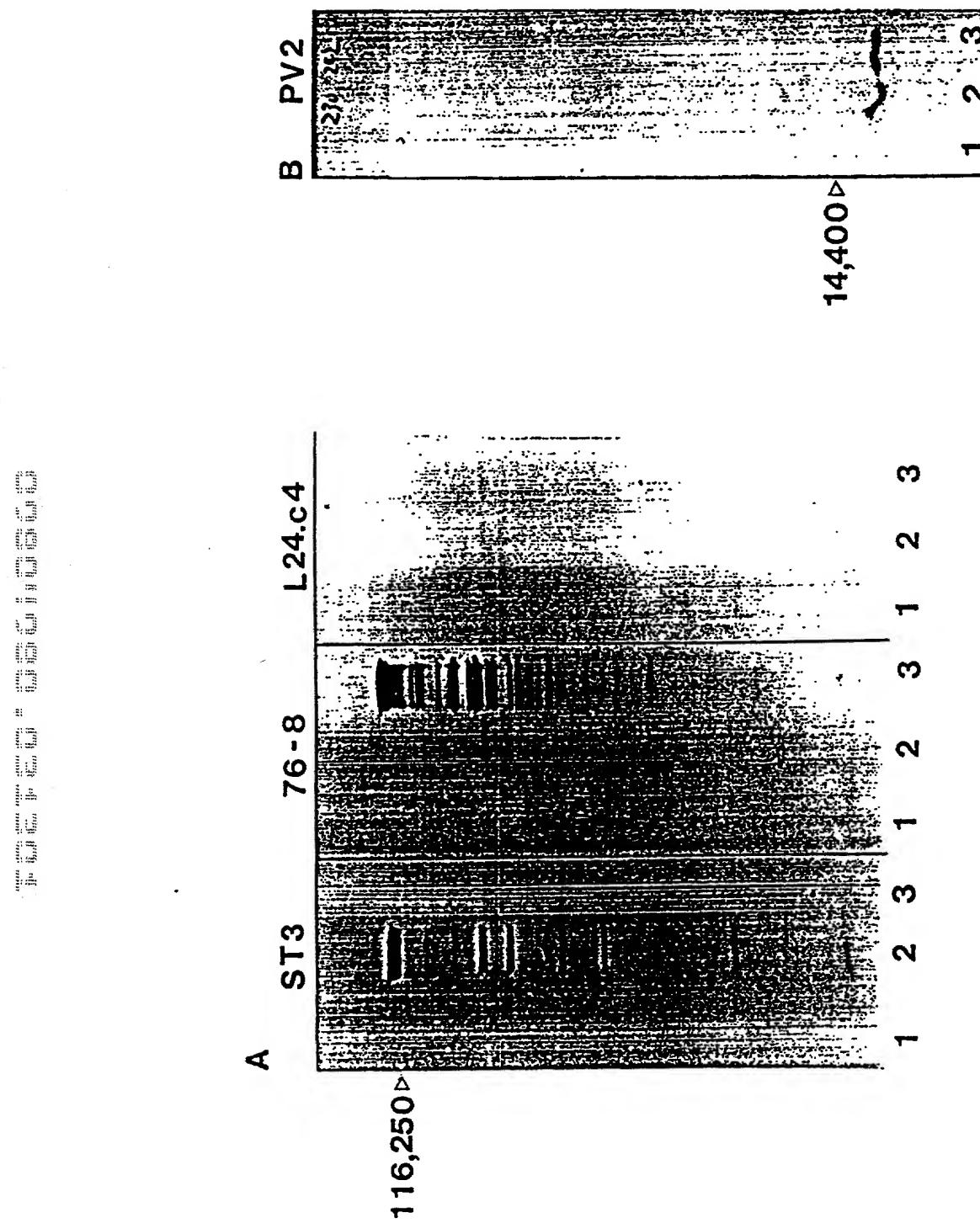


Fig. 8

Fig. 9

Fig. 10

1	GGGTAGCCGG ACCACCCCTG GCAAAGATG TGCAAGCCGC CATCAAGGGCG GTCAAGGGCG	60
61	GGCACGGGT CATAAACCTT GACGGCACCT TGTGCCCCGG CCCGGGGTG CTGACGGCCG	120
121	ACGAGTACA A CTCCCCCCTG GTC GCC GAC CCG GAG TCC ACC GCG GCG Shine Delgarno V A D P E S T A A	170
171	TG CCG GAC GGC GGC AGG CTG GTC GTT CTG GAT GGC ACC GTC ACT GCC GAA CTC GAA GCC L P D G A G L V V L D G T V T A E L E A	230
231	GAG GGC TGG GCC AAA GAT CGC ATC CGC GAA CTG CAA GAG CTG CGT AAG TCG ACC GGG CTG E G W A K D R I R E L Q E L R K S T G L	290
291	GAC GTT TCC GAC CGC ATC CGG GTG GTG ATG TCG GTG CCT GCG GAA GAC TGG GCG D V S D R I R V V M S V P A E R E D W A	350
351	GCG ACC CAT CGC GAC CTC ATT GCC GGA GAA ATC TTG CCT ACC GAC TTC GAA <u>TTC</u> <u>GGC</u> <u>GAC</u> R T H R D L I A G E I L A T D F E F A D	410
411	CTC <u>GGC</u> <u>GAT</u> <u>GCT</u> <u>GTG</u> <u>GCC</u> <u>ATC</u> <u>GGC</u> <u>GAC</u> <u>GGC</u> <u>GTG</u> <u>CGG</u> <u>GTA</u> <u>AGC</u> <u>ATC</u> <u>GAA</u> <u>AAG</u> <u>ACC</u> <u>TGA</u>	467

1	GAATTGCCGGGTGCACACAGCCTAACACGACGGAGGTGGACACATGAAG	50
	M K	
51	GGTCGGTCGGCGCTGCTGCCGGCGCTCTGGATTGCCGCACTGTCATTGG	100
	G R S A L L R A L W I A A L S F G	
101	GTTGGGCGGTGTCGGTAGCCGCGGAACCCACCGCCAAGGCCGCCCCAT	150
	L G G V A V A A E P T A K A A P	
151	ACGAGAACCTGATGGTGCCGCTCGCCCTCGATGGGCCGGACATCCCGTG	200
	Y E N L M V P S P S M G R D I P V	
201	GCCTTCCTAGCCGGTGGGCCGACCGGGTGTATCTGCTGGACGCCCTCAA	250
	A F L A G G P H A V Y L L D A F N	
251	CGCCGGCCCGGATGTCAGTAACGGTCACCGCGGGTAACCGCGATGAACA	300
	A G P D V S N W V T A G N A M N	
301	CGTTGGCGGGCAAGGGGATTCTGGTGGTGGCACCGGCCGGTGGTGCCTAC	350
	T L A G K G I S V V A P A G G A Y	
351	AGCATGTACACCAACTGGGAGCAGGATGGCAGCAAGCAGTGGGACACCTT	400
	S M Y T N W E Q D G S K Q W D T F	
401	CTTGTCCGCTGAGCTGCCGACTGGCTGGCCGCTAACCGGGGCTTGGCCC	450
	L S A E L P D W L A A N R G L A	
451	CCGGTGGCCATGCCGGCTTGGCGCCGCTCAGGGCGGTTACGGGGCGATG	500
	P G G H A A V G A A Q G G Y G A M	
501	GCGCTGGCGGCCTCCACCCCGACCGCTTCGGCTTCGCTGGCTCGATGTC	550
	A L A A F H P D R F G F A G S M S	
551	GGGCTTTTGTACCCGTCGAACACCACCAACGGTGCATGCCGGCGG	600
	G F L Y P S N T T T N G A I A A	
601	GCATGCAGCAATTGGCGGTGTGGACACCAACCGGAATGTGGGGAGCACCA	650
	G M Q Q F G G V D T N G M W G A P	
651	CAGCTGGGTGGTGGAAAGTGGCACGACCCGTGGTGCATGCCAGCCTGCT	700
	Q L G R W K W H D P W V H A S L L	
701	GGCGCAAAACAACACCCGGGTGTGGGTGTGGAGCCCACCAACCCGGGAG	750
	A I Q N N E R V W V W S P T N P G	
751	CCAGCGATCCGCCATGATGGCAAACCGCCAGGGCGATGGTAAC	800
	A S D P A A M I G Q T A E A M G N	
801	AGCCGCATGTTCTACAACCAAGTATGCCAGCGTCGGCGGGCACACGGACA	850
	S R M F Y N Q Y R S V G G H N G H	
851	CTTCGACTTCCCAGCCAGCGGTGACAACGGCTGGGCTCGTGGCGCCCC	900
	F D F P A S G D N G W G S W A P	
901	AGCTGGCGCTATGTCGGCGATATCGTCGGTGCATCCGCTAACCGAAT	950
	Q L G A M S G D I V G A I R .	
951	TC	952

Fig. 11

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2-DE reference map of ST-CF

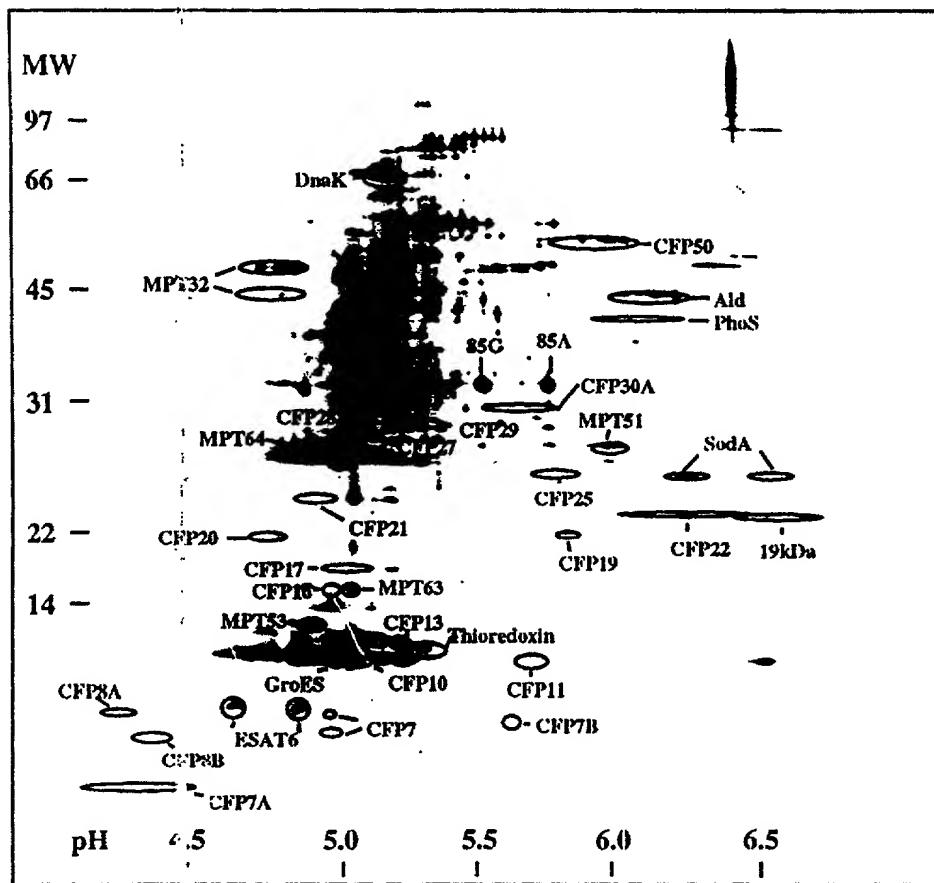


Fig. 12

MSQIMNYPAMILGHAGDMAGYAGTLQSILGAEIAVEQAALOSAWQGDTIGTYQAWQAWNQAMEDLVRAYHAMSSTHEANTMAMMARDTAAAKWGG
TB10.4
TB10.4-P1 MSQIMNYPAMILGHAGDM
TB10.4-P2 MLGHAGDMAGYAGTLQSL
TB10.4-P3 YAGTLQSILGAEIAVEQAA
TB10.4-P4 SIAVEQAALOSAWQGDTIG
TB10.4-P5 SAWQGDTIGTYQAWQAWN
TB10.4-P6 YQAWQAWNQAMEDLVR
TB10.4-P7 AMSTHEANTMAMMARDT
TB10.4-P8 MAMMARDTAAAKWGG
TB10.4-P9

Fig. 13

Fig. 14

TB10.3 MSQIMNYPAMMAHAGDMAGYAGTLQSILGADIASEQAVLSSWQGDGTGITYQGWOTQWNQALEDLVRAYOSMSGTHENTMAMLARDGAEAAKNGG
 TB10.3-P1 MSQIMNYPAMMAHAGDMAG
 TB10.3-P2 MNAHAGDMAGYAGTLQSILG
 TB10.3-P3 YAGTLQSILGADIASEQAVYL
 TB10.3-P4 DIFSEQAVYLSSAWQGDGTGIT
 TB10.3-P5 SAWQGDGTGITYQGWOTQWNQ
 TB10.3-P6 YQGWOTQWNQABLEDLVRAYO
 TB10.3-P7 ALEDLVRAYOSMSGTHENT
 TB10.3-P8 SMSCPTIESNTMAMLARDGAE
 TB10.3-P9 MAMLARDGAEAAKNGG

TB12 . 9	MSQSMYSYPA <u>MANYDMA</u> GTYTGT <u>QSGADIASERTAPS</u> RACQGDLGM <u>SHQDWQ</u> NAMEALARAYR <u>CCRRA</u> LROIG <u>YLERPVGDSSDCGTIRVGSFRGRWLDPRHAGPATAADAGD</u>
TB12 . 9-P1	MSQSMYSYPA <u>MANYDMA</u> G
TB12 . 9-P2	<u>M</u> <u>TAN</u> <u>YDMA</u> <u>GYTGT</u> <u>QSGA</u> <u>DIA</u> <u>SER</u> <u>TAPS</u>
TB12 . 9-P3	<u>YTGTTQS</u> <u>I</u> <u>G</u> <u>DIA</u> <u>SER</u> <u>TAPS</u>
TB12 . 9-P4	<u>DIA</u> <u>SER</u> <u>TAP</u> <u>RACQGDLGMS</u>
TB12 . 9-P5	<u>RACQGDLGMS</u> <u>SHQDWQ</u> <u>NAME</u> <u>ALARAYR</u>
TB12 . 9-P6	<u>HODWQ</u> <u>NAME</u> <u>ALARAYR</u>
TB12 . 9-P7	<u>AMEAL</u> <u>ALARAYR</u> <u>CCRRA</u> <u>LROIG</u>
TB12 . 9-P8	<u>E</u> <u>C</u> <u>RRA</u> <u>LROIG</u> <u>YLERPVGDSS</u>
TB12 . 9-P9	<u>VLERPVGDSSDCGTIRVGSF</u>
TB12 . 9-P10	<u>DCGTIRVGSFRGRWLDPRHA</u>
TB12 . 9-P11	<u>RGRWLDPRHAGPATAADAGD</u>

Fig. 15